

The 11th workshop of the APS Topical Group on Hadronic Physics

Friday, March 14, 2025

Parallel Session - Room 1: Nucleon Structure and Spin Physics (2:00 PM - 3:40 PM)

time	[id] title	presenter
2:00 PM	[30] Nucleon structure in the extreme valence region	Dr KUHN, Sebastian
2:25 PM	[22] Small- x Helicity Global Analysis: Now With Polarized pp Data	BALDONADO, Nicholas
2:50 PM	[76] Exploring the Transition Region of QCD with the Proton's g_2 Spin Structure Function	RUTH, David
3:15 PM	[80] Preliminary Results of the SBS-GMn Experiment with Super BigBite Spectrometer at Jefferson Lab's Hall A	Dr DATTA, Provakar

Parallel Session - Room 1: Compton Scattering (4:10 PM - 5:50 PM)

time	[id] title	presenter
4:10 PM	[43] DVCS at CLAS12 on Longitudinally Polarized Protons and Neutrons in Deuterium	PILLEUX, Noémie
4:35 PM	[7] Measuring TCS and DDVCS at JLab Hall C	BOER, Marie
5:00 PM	[8] Development of a new muon detector for JLab Hall C	GOMINA, Mahmoud
5:25 PM	[9] Timelike Compton Scattering perspectives at Jefferson Lab	BISWAS, Debaditya

Saturday, March 15, 2025

Parallel Session - Room 1: Artificial Intelligence, Machine Learning, Computing I (2:00 PM - 3:40 PM)

time	[id] title	presenter
2:00 PM	[18] AI generative models for hadron physics analyses	BATTAGLIERI, Marco
2:25 PM	[44] GPU-based Online Reconstruction for SpinQuest Studies at Fermilab	SHRESTHA, Utsav
2:50 PM	[45] Overview of ALERT AI-assisted Track Reconstruction and Particle Identification Project	OUILLO, Mathieu
3:15 PM	[105] AI/ML in Streaming Data Processing at the EIC	DIEFENTHALER, Markus

Parallel Session - Room 1: Artificial Intelligence, Machine Learning, Computing II (4:10 PM - 5:50 PM)

time	[id] title	presenter
4:10 PM	[53] From uncertainty to discovery: machine learning at the frontier of phenomenology	KRIESTEN, Brandon
4:35 PM	[42] Quantum Algorithms for high energy evolution	TIWARI, Shaswat
5:00 PM	[36] An overview of the MUSES cyberinfrastructure and what it can do for you	DEXHEIMER, Veronica
5:25 PM	[67] Building Neutron Stars using MUSES Workflows	REINKE PELICER, Mateus

Sunday, March 16, 2025

Parallel Session - Room 1: TMD and GPD I (9:00 AM - 10:40 AM)

time	[id] title	presenter
9:00 AM	[70] Phenomenological extraction of GPDs using machine learning	MOFFAT, Eric
9:25 AM	[73] Progress on the simultaneous analysis of collinear and transverse momentum parton distributions	BARRY, Patrick
9:50 AM	[1] Quantum Entanglement Correlations in Double Parton Distributions	KOLBUSZ, Eric
10:15 AM	[12] Transverse Single-Spin Asymmetries in Inclusive DIS and SIDIS Production of Photons: Numerical Predictions using Models for Multi-Parton Correlators	HARRIS, Michael

Parallel Session - Room 1: TMD and GPD II (11:00 AM - 12:40 PM)

time	[id] title	presenter
11:00 AM	[87] Global QCD Analysis of Proton's Transverse Structure through TMDs and DiFFs	COCUZZA, Christopher PITONYAK, Daniel
11:25 AM	[91] Progress toward TMD factorization at next-to-leading power	GAMBERG, Leonard
11:50 AM	[97] Nucleon Parton Distribution Functions from Boosted Correlations in the Coulomb Gauge	HE, Jinchen
12:15 PM	[26] Spin physics highlights from PHENIX	LOOMIS, Devon